FIG.1 12 16 **(6)** 18 20 **MULTIBAND MULTISPECTRAL** IMAGE ACQUI-**IMAGE DATA** STORAGE UNIT SITION UNIT 14 RECORDING **MULTISPECTRAL MEDIUM** IMAGE COM-<u>1</u>0 **DRIVE UNIT** PRESSING UNIT 24 22

FIG.2 22 TILE IMAGE INFORMATION 22a MULTI-**IMAGE SPECTRAL SEGMENTING IMAGE** SECTION DATA 22c COMPRESSED MULTISPECTRAL **PRINCIPAL IMAGE DATA** OPTIMUM PRINCIPAL COMPONENT COMPONENT VECTOR/ **ANALYZING IMAGE EXTRACTING** SECTION SECTION 22b OPTIMUM PRINCIPAL COMPONENT NUMBER. OPTIMUM PRINCIPAL COMPONENT VECTORS

AND OPTIMUM PRINCIPAL COMPONENT IMAGES

FIG.3

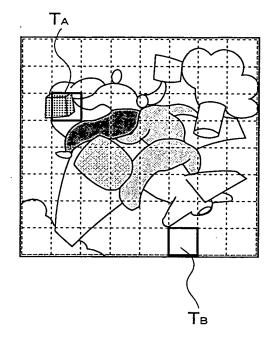


FIG.4

